

○ = ABS + KWL  
unless specified

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S11 5	Full 1	@ad<"19990125" and ((initializ\$5) same ((ic token smart chip) adj card) same key same (diffie)	US-PGPUB; USPAT	OR	ON	2006/09/15 06:27
S12 1	5064	@ad<"19990125" and ((smart token id) adj card)	US-PGPUB; USPAT	OR	ON	2006/09/13 15:12
S12 2	414	@ad<"19990125" and ((smart token id) adj card) same (insert\$3 with (device terminal))	US-PGPUB; USPAT	OR	ON	2006/09/13 15:13
S12 3	427	@ad<"19990125" and ((smart token id) adj card) same (insert\$3 with (device terminal atm pos))	US-PGPUB; USPAT	OR	ON	2006/09/13 15:13
S12 4	27	@ad<"19990125" and ((smart token id) adj card) same (insert\$3 with (device terminal atm pos)) same (initializ\$6)	US-PGPUB; USPAT	OR	ON	2006/09/13 15:13
S12 5	Full 3	@ad<"19990125" and ((smart token id) adj card) same (insert\$3 with (device terminal atm pos)) same (initializ\$6) same key	US-PGPUB; USPAT	OR	ON	2006/09/13 15:21
S12 7	1	("5694471").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	OFF	2006/09/13 15:17
S12 8	6	@ad<"19990125" and ((smart token id) adj card) same (insert\$3 with (device terminal atm pos)) same (key near3 exchang\$3)	US-PGPUB; USPAT	OR	ON	2006/09/13 15:23
S12 9	4	@ad<"19990125" and ((smart token id) adj card) same (device terminal atm pos) same (diffie or hellman)	US-PGPUB; USPAT	OR	ON	2006/09/13 15:34
S13 0	10	@ad<"19990125" and (diffie or hellman) same initializ\$6 same key	US-PGPUB; USPAT	OR	ON	2006/09/13 15:34
S13 1	11	@ad<"19990125" and (diffie or hellman) same initializ\$6 same key	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/13 15:34
S13 2	5	("4349695"   "4438824"   "4453074"   "4471216"   "4578531").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/13 15:35
S13 3	5	@ad<"19990125" and (diffie hellman) same ((token ic chip smart) adj card) same (terminal atm pos eftpos)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/14 06:11
S13 4	12	@ad<"19990125" and ((ic token smart chip) adj card) same key same (diffie)	US-PGPUB; USPAT	OR	ON	2006/09/15 06:27
S13 5	Full 12	@ad<"19990125" and ((ic token smart chip circuit) adj card) same key same (diffie)	US-PGPUB; USPAT	OR	ON	2006/09/15 07:40
S13 6	5	@ad<"19990125" and ((ic token smart chip circuit) adj card) same key same (key adj agreement)	US-PGPUB; USPAT	OR	ON	2006/09/22 12:12
S13 7	5	@ad<"19990125" and ((ic token smart chip circuit) adj card) same key same (key adj agreement)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/15 07:41

## EAST Search History

S13 8	5	@ad<"19990125" and ((ic token smart chip circuit) adj card) same key same (key adj agreement) and (terminal)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/15 07:41
S13 9	3	@ad<"19990125" and ((ic token smart chip circuit) adj card) same key same (key adj agreement) same (terminal)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/15 07:48
S14 0	0	@ad<"19990125" and ((ic token smart chip circuit) adj card) same (key adj agree\$3) same (terminal)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/15 07:42
S14 1	3	@ad<"19990125" and ((ic token smart chip circuit) adj card) same (key adj agree\$5) same (terminal)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/15 07:42
S14 2	3	@ad<"19990125" and ((ic token smart chip circuit) adj card) same (key adj agree\$5) same (terminal station)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/15 07:43
S14 3	6	@ad<"19990125" and ((ic token smart chip circuit) adj card) same (key adj agree\$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/15 07:43
S14 4	3	S143 not S142	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/15 07:43
S14 5	4	@ad<"19990125" and ((ic token smart chip circuit) adj card) same key same (key adj exchange\$3) same (terminal)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/15 07:48
S14 6	482	@ad<"19990125" and ((ic token smart chip circuit) adj card) same (initializ\$7)	US-PGPUB; USPAT	OR	ON	2006/09/22 12:13
S14 7	574	@ad<"19990125" and ((ic token smart chip circuit) adj card) same (initializ\$7 populat\$3)	US-PGPUB; USPAT	OR	ON	2006/09/22 12:13
S14 8	201	@ad<"19990125" and ((ic token smart chip circuit) adj card) near3 (initializ\$7 populat\$3)	US-PGPUB; USPAT	OR	ON	2006/09/22 12:13

## EAST Search History

S14 9	240	@ad<"19990125" and ((ic token smart chip circuit) adj card) near3 (initializ\$7 populat\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/22 12:13
S15 0	<del>57</del>	@ad<"19990125" and ((ic token smart chip circuit) adj card) near3 (initializ\$7 populat\$3) same key	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/22 12:13
S15 1	60	@ad<"19990125" and ((ic token smart chip circuit) adj card) near3 (initializ\$7 populat\$3) same (secret key)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/22 12:58
S15 2	1	@ad<"19990125" and ((ic token smart chip circuit) adj card) with (initializ\$7 populat\$3) same (secret key) same (diffie hellman (key adj agree\$5))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/22 13:00
S15 3	1	@ad<"19990125" and ((ic token smart chip circuit) adj card) same (initializ\$7 personaliz\$5 populat\$3) same (secret key) same (diffie hellman (key adj agree\$5))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/22 13:14
S15 4	780	380/44.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/22 13:14
S15 5	2199	713/1.ccls.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/22 13:15
S15 6	69	713/174.ccls.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/22 13:14
S15 7	132	726/20.ccls.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/22 13:14

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S15 8	438	705/41.ccls.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/22 13:14
S15 9	72	257/922.ccls.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/22 13:14
S16 0	178	902/26.ccls.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/22 13:14
S16 2	0	S155 and S154	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2006/09/22 13:16
S16 3	3	S157 and S154	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2006/09/22 13:18
S16 4	7	S155 and (diffie hellman)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2006/09/22 13:18
S16 5	1	"5602918".pn.	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2006/09/25 06:43
S16 6	1	"5694471".pn.	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2006/09/25 06:43
S16 7	1	"4995081".PN.	USPAT; USOCR	OR	ON	2006/09/25 06:47
S16 8	2	((WOLFGANG) near2 (RANKL)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/25 07:11
S16 9	2199	713/1.ccls.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 07:19
S17 0	69	713/174.ccls.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 07:19

## EAST Search History

S17 1	132	726/20.ccls.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 07:19
S17 2	438	705/41.ccls.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 07:19
S17 3	72	257/922.ccls.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 07:19
S17 4	178	902/26.ccls.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 07:19
S17 5	3045	(S169 S171 S172 S173 S174 S170)	US-PGPUB; USPAT	OR	ON	2006/09/25 07:19
S17 6	60	(S169 S171 S172 S173 S174 S170) and (card and initializ\$6). clm.	US-PGPUB; USPAT	OR	ON	2006/09/25 07:38
S17 7	10	(S169 S171 S172 S173 S174 S170) and (card and personaliz\$7 and (secret key)).clm.	US-PGPUB; USPAT	OR	ON	2006/09/25 07:40
S17 8	0	(S169 S171 S172 S173 S174 S170) and (card and (personaliz\$7 initializ\$7) and ((key adj (exchang\$3 agree\$5)) diffie hellman)).clm.	US-PGPUB; USPAT	OR	ON	2006/09/25 07:41

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S179	1	(380/44.ccls.) and (card and (personaliz\$7 initializ\$7) and ((key adj (exchang\$3 agree\$5)) diffie hellman)).clm.	US-PGPUB; USPAT	OR	ON	2006/09/25 07:52
S180	4	(380/44.ccls.) and (card and initializ\$6).clm.	US-PGPUB; USPAT	OR	ON	2006/09/25 07:52
S181	5	S179 S180	US-PGPUB; USPAT	OR	ON	2006/09/25 07:52